



DIVE  
UNDERWATER CUTTING/WELDING  
(5UW)  
Checklist

UPDATED April 2012

**SAFETY REVIEW ITEMS - UNDERWATER CUTTING/WELDING**

**A. UNDERWATER WELDING / CUTTING**

1. (A1B0) IS THE WELDING MACHINE OF THE APPROVED TYPE AND COVERED BY PMS?  
REF: APPLICABLE PMS

C R NA UA  
☐ Repeat  
☐ Significant  
☐ PMS

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2. (A1C0) IS THE SUPPLEMENTARY WELDING SHIELD AVAILABLE FOR THE DIVING HELMET?  
REF: NAVSEA SS0300-BB-MAN-10 U/W CUTTING & WELDING MAN

C R NA UA  
☐ Repeat  
☐ Significant  
☐ PMS

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3. (A1D0) IS THERE A SUITABLE GROUNDING CLAMP ON THE GROUND LEAD?  
REF: NAVSEA SS0300-BB-MAN-10 U/W CUTTING & WELDING MAN

C R NA UA  
☐ Repeat  
☐ Significant  
☐ PMS

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4. (A1E0) ARE THE POWER CABLES OF THE APPROVED TYPE?  
REF: NAVSEA SS0300-BB-MAN-10 U/W CUTTING & WELDING MAN

C R NA UA  
☐ Repeat  
☐ Significant  
☐ PMS

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5. (A1F0) ARE THE POWER CABLES IN GOOD CONDITION?  
REF: NAVSEA SS0300-BB-MAN-10 U/W CUTTING & WELDING MAN  
APPLICABLE PMS

C R NA UA  
☐ Repeat  
☐ Significant  
☐ PMS

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6. (A1G0) ARE THE CABLE CONNECTORS OF THE APPROVED TYPE?  
REF: NAVSEA SS0300-BB-MAN-10 U/W CUTTING & WELDING MAN

C R NA UA  
☐ Repeat  
☐ Significant  
☐ PMS

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7. (A1H0) ARE ALL CONNECTIONS TIGHT AND THOROUGHLY INSULATED WITH TAPE?  
REF: NAVSEA SS0300-BB-MAN-10 U/W CUTTING & WELDING MAN

C R NA UA  
☐ Repeat  
☐ Significant  
☐ PMS

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8. (A1J0) IS THE SAFETY SWITCH THE APPROVED TYPE?  
REF: NAVSEA SS0300-BB-MAN-10 U/W CUTTING & WELDING MAN

C R NA UA  
☐ Repeat  
☐ Significant  
☐ PMS

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9. (A1K0) IS THE ELECTRODE HOLDER THE APPROVED TYPE?  
REF:

NAVSEA SS0300-BB-MAN-10 U/W CUTTING & WELDING MAN

C R NA UA  
☐ Repeat  
☐ Significant  
☐ PMS

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10. (A1L0) IS THE MATERIAL CONDITION OF THE ELECTRODE HOLDER IN GOOD  
WORKING ORDER ?  
REF: APPLICABLE PMS

NAVSEA SS0300-BB-MAN-10 U/W CUTTING & WELDING MAN

C R NA UA  
☐ Repeat  
☐ Significant  
☐ PMS

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11. (A1M0) ARE THE WELDING RODS THE APPROVED TYPE?  
REF: NAVSEA SS0300-BB-MAN-10 U/W CUTTING & WELDING MAN

C R NA UA  
☐ Repeat  
☐ Significant  
☐ PMS

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12. (A2B0) IS THE WELDING MACHINE FRAME AND ITS SUPPORTING STRUCTURE  
GROUNDED?  
REF: NAVSEA SS0300-BB-MAN-10 U/W CUTTING & WELDING MAN

C R NA UA  
☐ Repeat  
☐ Significant  
☐ PMS

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**B. OXYGEN-ARC CUTTING**

13. (A2D0) IS THE OXYGEN ARC CUTTING TORCH THE APPROVED TYPE?

REF:

NAVSEA SS0300-BB-MAN-10 U/W CUTTING & WELDING MAN

C R NA UA

☐ Repeat

☐ Significant

☐ PMS

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14. (A2E0) ARE ALL CARRYING PARTS OF THE HOLDER FULLY INSULATED WITH NON-CONDUCTING MATERIAL?

REF: NAVSEA SS0300-BB-MAN-10 U/W CUTTING & WELDING MAN

C R NA UA

☐ Repeat

☐ Significant

☐ PMS

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15. (A2F0) S THE MATERIAL CONDITION OF THE ELECTRODE HOLDER IN GOOD WORKING ORDER ?

REF: APPLICABLE PMS

NAVSEA SS0300-BB-MAN-10 U/W CUTTING & WELDING MAN

C R NA UA

☐ Repeat

☐ Significant

☐ PMS

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16. (A2L0) IS THE OXYGEN REGULATOR OF THE APPROVED TYPE?

REF: NAVSEA SS0300-BB-MAN-10 U/W CUTTING & WELDING MAN

C R NA UA

☐ Repeat

☐ Significant

☐ PMS

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17. (A2N0) ARE THE CUTTING RODS OF THE APPROVED TYPE?

REF: NAVSEA SS0300-BB-MAN-10 U/W CUTTING & WELDING MAN

C R NA UA

☐ Repeat

☐ Significant

☐ PMS

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## UNDERWATER CUTTING/WELDING

COMMAND NAME:

LOCATION:

UIC:

DATE:

SURVEYOR(S):

NO. COMPLETE:

NO. REQ ACTION:

NOT APPLICABLE:

Q #	Question	Result				Sig	Rep	PMS
1	5UWA1B0	C	R	N	U			
2	5UWA1C0	C	R	N	U			
3	5UWA1D0	C	R	N	U			
4	5UWA1E0	C	R	N	U			
5	5UWA1F0	C	R	N	U			
6	5UWA1G0	C	R	N	U			
7	5UWA1H0	C	R	N	U			
8	5UWA1J0	C	R	N	U			
9	5UWA1K0	C	R	N	U			
10	5UWA1L0	C	R	N	U			
11	5UWA1M0	C	R	N	U			
12	5UWA2B0	C	R	N	U			
13	5UWA2D0	C	R	N	U			
14	5UWA2E0	C	R	N	U			
15	5UWA2F0	C	R	N	U			
16	5UWA2L0	C	R	N	U			
17	5UWA2N0	C	R	N	U			